



Devon Energy Production Company, L.P.

Eddy County
Onyx PWU "29"
#3H
OH

30-015-38661

Plan: Design #1

Pathfinder X & Y Planning Report

31 March, 2011

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PATHFINDER
A Schlumberger Company



Pathfinder
Pathfinder X & Y Planning Report



Company:	Devon Energy Production Company, L.P.	Local Co-ordinate Reference:	Well #3H
Project:	Eddy County	TVD Reference:	WELL @ 3333.20usft (25' KB)
Site:	Onyx PWU "29"	MD Reference:	WELL @ 3333.20usft (25' KB)
Well:	#3H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	Design #1	Database:	EDM 5000.1 Single User Db

Project	Eddy County	System Datum:	Mean Sea Level
Map System:	US State Plane 1983		
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Onyx PWU "29"		
Site Position:		Northing:	595,981.500 usft
From:	Map	Easting:	615,034.460 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 38' 17.425 N
		Longitude:	104° 5' 38.109 W
		Grid Convergence:	0.13 °

Well	#3H		
Well Position	+N/-S +E/-W	0.00 usft 0.00 usft 0.00 usft	Latitude: Longitude: Ground Level:
Position Uncertainty			32° 38' 17.425 N 104° 5' 38.109 W 3,308.20 usft

Wellbore	OH		
Magnetics	Model Name	Sample Date	Declination (°)
	IGRF200510	03/29/11	7.87
		Dip Angle (°)	60.51
		Field Strength (nT)	48,865

Design	Design #1		
Audit Notes:			
Version:	Phase:	PLAN	Tie On Depth:
			0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)
	0.00	0.00	0.00
		Direction (°)	179.95

Survey Tool Program	Date	03/31/11	
From (usft)	To (usft)	Survey (Wellbore)	Description
0.00	12,232.87	Design #1 (OH)	MWD - Standard



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Local Co-ordinate Reference:
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Well #3H
WELL @ 3333.20ust (25' KB)
WELL @ 3333.20ust (25' KB)
Grid
Minimum Curvature
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Planned Survey

MD (ustf)	Inc (°)	Azi (°)	TVD (ustf)	TVDSS (ustf)	N/S (ustf)	E/W (ustf)	V. Sec (ustf)	DLeg (°/100ustf)	Northing (ustf)	Easting (ustf)
0.00	0.00	0.00	0.00	3,333.20	0.00	0.00	0.00	0.00	595,981.50	615,034.46
100.00	0.00	0.00	100.00	3,233.20	0.00	0.00	0.00	0.00	595,981.50	615,034.46
200.00	0.00	0.00	200.00	3,133.20	0.00	0.00	0.00	0.00	595,981.50	615,034.46
300.00	0.00	0.00	300.00	3,033.20	0.00	0.00	0.00	0.00	595,981.50	615,034.46
400.00	0.00	0.00	400.00	2,933.20	0.00	0.00	0.00	0.00	595,981.50	615,034.46
500.00	0.00	0.00	500.00	2,833.20	0.00	0.00	0.00	0.00	595,981.50	615,034.46
600.00	0.00	0.00	600.00	2,733.20	0.00	0.00	0.00	0.00	595,981.50	615,034.46
700.00	0.00	0.00	700.00	2,633.20	0.00	0.00	0.00	0.00	595,981.50	615,034.46
800.00	0.00	0.00	800.00	2,533.20	0.00	0.00	0.00	0.00	595,981.50	615,034.46
900.00	0.00	0.00	900.00	2,433.20	0.00	0.00	0.00	0.00	595,981.50	615,034.46
1,000.00	0.00	0.00	1,000.00	2,333.20	0.00	0.00	0.00	0.00	595,981.50	615,034.46
1,100.00	0.00	0.00	1,100.00	2,233.20	0.00	0.00	0.00	0.00	595,981.50	615,034.46
1,200.00	0.00	0.00	1,200.00	2,133.20	0.00	0.00	0.00	0.00	595,981.50	615,034.46
1,300.00	0.00	0.00	1,300.00	2,033.20	0.00	0.00	0.00	0.00	595,981.50	615,034.46
1,400.00	0.00	0.00	1,400.00	1,933.20	0.00	0.00	0.00	0.00	595,981.50	615,034.46
1,500.00	0.00	0.00	1,500.00	1,833.20	0.00	0.00	0.00	0.00	595,981.50	615,034.46
1,600.00	0.00	0.00	1,600.00	1,733.20	0.00	0.00	0.00	0.00	595,981.50	615,034.46
1,700.00	0.00	0.00	1,700.00	1,633.20	0.00	0.00	0.00	0.00	595,981.50	615,034.46
1,800.00	0.00	0.00	1,800.00	1,533.20	0.00	0.00	0.00	0.00	595,981.50	615,034.46
1,900.00	0.00	0.00	1,900.00	1,433.20	0.00	0.00	0.00	0.00	595,981.50	615,034.46
2,000.00	0.00	0.00	2,000.00	1,333.20	0.00	0.00	0.00	0.00	595,981.50	615,034.46
2,100.00	0.00	0.00	2,100.00	1,233.20	0.00	0.00	0.00	0.00	595,981.50	615,034.46
2,200.00	0.00	0.00	2,200.00	1,133.20	0.00	0.00	0.00	0.00	595,981.50	615,034.46
2,300.00	0.00	0.00	2,300.00	1,033.20	0.00	0.00	0.00	0.00	595,981.50	615,034.46
2,400.00	0.00	0.00	2,400.00	933.20	0.00	0.00	0.00	0.00	595,981.50	615,034.46
2,500.00	0.00	0.00	2,500.00	833.20	0.00	0.00	0.00	0.00	595,981.50	615,034.46
2,600.00	0.00	0.00	2,600.00	733.20	0.00	0.00	0.00	0.00	595,981.50	615,034.46



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Pathfinder X & Y Planning Report



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Well: #3H
Wellbore: OH
Design: #1

Local Co-ordinate Reference:
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North Reference:
Survey Calculation Method:
Database:

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WELL @ 3333.20usft (25' KB)
Grid
Minimum Curvature
EDM 5000.1 Single User Db

Planned Survey

MD (usft)	Inc (°)	Azi (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	EW (usft)	V. Sec (usft)	D Leg (°/100usft)	Northing (usft)	Easting (usft)
2,700.00	0.00	0.00	2,700.00	633.20	0.00	0.00	0.00	0.00	595,981.50	615,034.46
2,800.00	0.00	0.00	2,800.00	533.20	0.00	0.00	0.00	0.00	595,981.50	615,034.46
2,900.00	0.00	0.00	2,900.00	433.20	0.00	0.00	0.00	0.00	595,981.50	615,034.46
3,000.00	0.00	0.00	3,000.00	333.20	0.00	0.00	0.00	0.00	595,981.50	615,034.46
3,100.00	0.00	0.00	3,100.00	233.20	0.00	0.00	0.00	0.00	595,981.50	615,034.46
3,200.00	0.00	0.00	3,200.00	133.20	0.00	0.00	0.00	0.00	595,981.50	615,034.46
3,300.00	0.00	0.00	3,300.00	33.20	0.00	0.00	0.00	0.00	595,981.50	615,034.46
3,400.00	0.00	0.00	3,400.00	-66.80	0.00	0.00	0.00	0.00	595,981.50	615,034.46
3,500.00	0.00	0.00	3,500.00	-166.80	0.00	0.00	0.00	0.00	595,981.50	615,034.46
3,600.00	0.00	0.00	3,600.00	-266.80	0.00	0.00	0.00	0.00	595,981.50	615,034.46
3,700.00	0.00	0.00	3,700.00	-366.80	0.00	0.00	0.00	0.00	595,981.50	615,034.46
3,800.00	0.00	0.00	3,800.00	-466.80	0.00	0.00	0.00	0.00	595,981.50	615,034.46
3,900.00	0.00	0.00	3,900.00	-566.80	0.00	0.00	0.00	0.00	595,981.50	615,034.46
4,000.00	0.00	0.00	4,000.00	-666.80	0.00	0.00	0.00	0.00	595,981.50	615,034.46
4,100.00	0.00	0.00	4,100.00	-766.80	0.00	0.00	0.00	0.00	595,981.50	615,034.46
4,200.00	0.00	0.00	4,200.00	-866.80	0.00	0.00	0.00	0.00	595,981.50	615,034.46
4,300.00	0.00	0.00	4,300.00	-966.80	0.00	0.00	0.00	0.00	595,981.50	615,034.46
4,400.00	0.00	0.00	4,400.00	-1,066.80	0.00	0.00	0.00	0.00	595,981.50	615,034.46
4,500.00	0.00	0.00	4,500.00	-1,166.80	0.00	0.00	0.00	0.00	595,981.50	615,034.46
4,600.00	0.00	0.00	4,600.00	-1,266.80	0.00	0.00	0.00	0.00	595,981.50	615,034.46
4,700.00	0.00	0.00	4,700.00	-1,366.80	0.00	0.00	0.00	0.00	595,981.50	615,034.46
4,800.00	0.00	0.00	4,800.00	-1,466.80	0.00	0.00	0.00	0.00	595,981.50	615,034.46
4,900.00	0.00	0.00	4,900.00	-1,566.80	0.00	0.00	0.00	0.00	595,981.50	615,034.46
5,000.00	0.00	0.00	5,000.00	-1,666.80	0.00	0.00	0.00	0.00	595,981.50	615,034.46
5,100.00	0.00	0.00	5,100.00	-1,766.80	0.00	0.00	0.00	0.00	595,981.50	615,034.46
5,200.00	0.00	0.00	5,200.00	-1,866.80	0.00	0.00	0.00	0.00	595,981.50	615,034.46
5,300.00	0.00	0.00	5,300.00	-1,966.80	0.00	0.00	0.00	0.00	595,981.50	615,034.46



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5,400.00	0.00	0.00	5,400.00	-2,066.80	0.00	0.00	0.00	0.00	595,981.50	615,034.46
5,500.00	0.00	0.00	5,500.00	-2,166.80	0.00	0.00	0.00	0.00	595,981.50	615,034.46
5,600.00	0.00	0.00	5,600.00	-2,266.80	0.00	0.00	0.00	0.00	595,981.50	615,034.46
5,700.00	0.00	0.00	5,700.00	-2,366.80	0.00	0.00	0.00	0.00	595,981.50	615,034.46
5,800.00	0.00	0.00	5,800.00	-2,466.80	0.00	0.00	0.00	0.00	595,981.50	615,034.46
5,900.00	0.00	0.00	5,900.00	-2,566.80	0.00	0.00	0.00	0.00	595,981.50	615,034.46
6,000.00	0.00	0.00	6,000.00	-2,666.80	0.00	0.00	0.00	0.00	595,981.50	615,034.46
6,100.00	0.00	0.00	6,100.00	-2,766.80	0.00	0.00	0.00	0.00	595,981.50	615,034.46
6,200.00	0.00	0.00	6,200.00	-2,866.80	0.00	0.00	0.00	0.00	595,981.50	615,034.46
6,300.00	0.00	0.00	6,300.00	-2,966.80	0.00	0.00	0.00	0.00	595,981.50	615,034.46
6,400.00	0.00	0.00	6,400.00	-3,066.80	0.00	0.00	0.00	0.00	595,981.50	615,034.46
6,500.00	0.00	0.00	6,500.00	-3,166.80	0.00	0.00	0.00	0.00	595,981.50	615,034.46
6,600.00	0.00	0.00	6,600.00	-3,266.80	0.00	0.00	0.00	0.00	595,981.50	615,034.46
6,700.00	0.00	0.00	6,700.00	-3,366.80	0.00	0.00	0.00	0.00	595,981.50	615,034.46
6,800.00	0.00	0.00	6,800.00	-3,466.80	0.00	0.00	0.00	0.00	595,981.50	615,034.46
6,900.00	0.00	0.00	6,900.00	-3,566.80	0.00	0.00	0.00	0.00	595,981.50	615,034.46
7,000.00	0.00	0.00	7,000.00	-3,666.80	0.00	0.00	0.00	0.00	595,981.50	615,034.46
7,100.00	0.00	0.00	7,100.00	-3,766.80	0.00	0.00	0.00	0.00	595,981.50	615,034.46
7,200.00	0.00	0.00	7,200.00	-3,866.80	0.00	0.00	0.00	0.00	595,981.50	615,034.46
7,282.00	0.00	0.00	7,282.00	-3,948.80	0.00	0.00	0.00	0.00	595,981.50	615,034.46
7,300.00	1.80	179.95	7,300.00	-3,966.80	-0.28	0.00	0.28	10.00	595,981.22	615,034.46
7,350.00	6.80	179.95	7,349.84	-4,016.64	-4.03	0.00	4.03	10.00	595,977.47	615,034.46
7,400.00	11.80	179.95	7,399.17	-4,065.97	-12.11	0.01	12.11	10.00	595,969.39	615,034.47
7,450.00	16.80	179.95	7,447.60	-4,114.40	-24.45	0.02	24.45	10.00	595,957.05	615,034.48
7,500.00	21.80	179.95	7,494.78	-4,161.58	-40.97	0.04	40.97	10.00	595,940.53	615,034.50
7,550.00	26.80	179.95	7,540.34	-4,207.14	-61.54	0.05	61.54	10.00	595,919.96	615,034.51
7,600.00	31.80	179.95	7,583.93	-4,250.73	-86.00	0.08	86.00	10.00	595,895.50	615,034.54



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WELL @ 3333.20usft (25' KB)
WELL @ 3333.20usft (25' KB)
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Minimum Curvature
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Planned Survey

MD (usft)	Inc (°)	Azi (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	D Leg (°/100usft)	Northing (usft)	Easting (usft)
7,650.00	36.80	179.95	7,625.22	-4,292.02	-114.16	0.10	114.16	10.00	595,867.34	615,034.56
7,700.00	41.80	179.95	7,663.90	-4,330.70	-145.82	0.13	145.82	10.00	595,835.68	615,034.59
7,750.00	46.80	179.95	7,699.68	-4,366.48	-180.73	0.16	180.73	10.00	595,800.77	615,034.62
7,800.00	51.79	179.95	7,732.28	-4,399.08	-218.62	0.19	218.62	10.00	595,762.88	615,034.65
7,850.00	56.79	179.95	7,761.45	-4,428.25	-259.21	0.23	259.21	10.00	595,722.29	615,034.69
7,900.00	61.79	179.95	7,786.97	-4,453.77	-302.18	0.26	302.18	10.00	595,679.32	615,034.72
7,950.00	66.79	179.95	7,808.65	-4,475.45	-347.22	0.30	347.22	10.00	595,634.28	615,034.76
8,000.00	71.79	179.95	7,826.33	-4,493.13	-393.97	0.34	393.97	10.00	595,587.53	615,034.80
8,050.00	76.79	179.95	7,839.86	-4,506.66	-442.09	0.39	442.09	10.00	595,539.41	615,034.85
8,100.00	81.79	179.95	7,849.15	-4,515.95	-491.21	0.43	491.21	10.00	595,490.29	615,034.89
8,150.00	86.79	179.95	7,854.12	-4,520.92	-540.94	0.47	540.94	10.00	595,440.56	615,034.93
8,177.89	89.58	179.95	7,855.00	-4,521.80	-568.81	0.50	568.82	10.00	595,412.69	615,034.96
8,200.00	89.58	179.95	7,855.16	-4,521.96	-590.92	0.52	590.92	0.00	595,390.58	615,034.98
8,300.00	89.58	179.95	7,855.90	-4,522.70	-690.92	0.60	690.92	0.00	595,290.58	615,035.06
8,400.00	89.58	179.95	7,856.63	-4,523.43	-790.92	0.69	790.92	0.00	595,190.58	615,035.15
8,500.00	89.58	179.95	7,857.36	-4,524.16	-890.92	0.78	890.92	0.00	595,090.58	615,035.24
8,600.00	89.58	179.95	7,858.09	-4,524.89	-990.91	0.86	990.91	0.00	594,990.59	615,035.32
8,700.00	89.58	179.95	7,858.83	-4,525.63	-1,090.91	0.95	1,090.91	0.00	594,890.59	615,035.41
8,800.00	89.58	179.95	7,859.56	-4,526.36	-1,190.91	1.04	1,190.91	0.00	594,790.59	615,035.50
8,900.00	89.58	179.95	7,860.29	-4,527.09	-1,290.91	1.13	1,290.91	0.00	594,690.59	615,035.59
9,000.00	89.58	179.95	7,861.03	-4,527.83	-1,390.90	1.21	1,390.90	0.00	594,590.60	615,035.67
9,100.00	89.58	179.95	7,861.76	-4,528.56	-1,490.90	1.30	1,490.90	0.00	594,490.60	615,035.76
9,200.00	89.58	179.95	7,862.49	-4,529.29	-1,590.90	1.39	1,590.90	0.00	594,390.60	615,035.85
9,300.00	89.58	179.95	7,863.23	-4,530.03	-1,690.89	1.48	1,690.89	0.00	594,290.61	615,035.94
9,400.00	89.58	179.95	7,863.96	-4,530.76	-1,790.89	1.56	1,790.89	0.00	594,190.61	615,036.02
9,500.00	89.58	179.95	7,864.69	-4,531.49	-1,890.89	1.65	1,890.89	0.00	594,090.61	615,036.11
9,600.00	89.58	179.95	7,865.42	-4,532.22	-1,990.89	1.74	1,990.89	0.00	593,990.61	615,036.20



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Project: Eddy County
Site: Onyx PWU "29"
Well: #3H
Wellbore: OH
Design: #1

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Well #3H
WELL @ 3333.20usft (25' KB)
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Minimum Curvature
EDM 5000.1 Single User Db

Planned Survey

MD (usft)	Inc (°)	Azi (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	EW (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)
9,700.00	89.58	179.95	7,866.16	-4,532.96	-2,090.88	1.82	2,090.88	0.00	593,890.62	615,036.28
9,800.00	89.58	179.95	7,866.89	-4,533.69	-2,190.88	1.91	2,190.88	0.00	593,790.62	615,036.37
9,900.00	89.58	179.95	7,867.62	-4,534.42	-2,290.88	2.00	2,290.88	0.00	593,690.62	615,036.46
10,000.00	89.58	179.95	7,868.36	-4,535.16	-2,390.88	2.09	2,390.88	0.00	593,590.62	615,036.55
10,100.00	89.58	179.95	7,869.09	-4,535.89	-2,490.87	2.17	2,490.87	0.00	593,490.63	615,036.63
10,200.00	89.58	179.95	7,869.82	-4,536.62	-2,590.87	2.26	2,590.87	0.00	593,390.63	615,036.72
10,300.00	89.58	179.95	7,870.56	-4,537.36	-2,690.87	2.35	2,690.87	0.00	593,290.63	615,036.81
10,400.00	89.58	179.95	7,871.29	-4,538.09	-2,790.86	2.44	2,790.87	0.00	593,190.64	615,036.90
10,500.00	89.58	179.95	7,872.02	-4,538.82	-2,890.86	2.52	2,890.86	0.00	593,090.64	615,036.98
10,600.00	89.58	179.95	7,872.75	-4,539.55	-2,990.86	2.61	2,990.86	0.00	592,990.64	615,037.07
10,700.00	89.58	179.95	7,873.49	-4,540.29	-3,090.86	2.70	3,090.86	0.00	592,890.64	615,037.16
10,800.00	89.58	179.95	7,874.22	-4,541.02	-3,190.85	2.78	3,190.85	0.00	592,790.65	615,037.24
10,900.00	89.58	179.95	7,874.95	-4,541.75	-3,290.85	2.87	3,290.85	0.00	592,690.65	615,037.33
11,000.00	89.58	179.95	7,875.69	-4,542.49	-3,390.85	2.96	3,390.85	0.00	592,590.65	615,037.42
11,100.00	89.58	179.95	7,876.42	-4,543.22	-3,490.85	3.05	3,490.85	0.00	592,490.65	615,037.51
11,200.00	89.58	179.95	7,877.15	-4,543.95	-3,590.84	3.13	3,590.84	0.00	592,390.66	615,037.59
11,300.00	89.58	179.95	7,877.89	-4,544.69	-3,690.84	3.22	3,690.84	0.00	592,290.66	615,037.68
11,400.00	89.58	179.95	7,878.62	-4,545.42	-3,790.84	3.31	3,790.84	0.00	592,190.66	615,037.77
11,500.00	89.58	179.95	7,879.35	-4,546.15	-3,890.83	3.40	3,890.84	0.00	592,090.67	615,037.86
11,600.00	89.58	179.95	7,880.09	-4,546.89	-3,990.83	3.48	3,990.83	0.00	591,990.67	615,037.94
11,700.00	89.58	179.95	7,880.82	-4,547.62	-4,090.83	3.57	4,090.83	0.00	591,890.67	615,038.03
11,800.00	89.58	179.95	7,881.55	-4,548.35	-4,190.83	3.66	4,190.83	0.00	591,790.67	615,038.12
11,900.00	89.58	179.95	7,882.28	-4,549.08	-4,290.82	3.74	4,290.82	0.00	591,690.68	615,038.20
12,000.00	89.58	179.95	7,883.02	-4,549.82	-4,390.82	3.83	4,390.82	0.00	591,590.68	615,038.29
12,100.00	89.58	179.95	7,883.75	-4,550.55	-4,490.82	3.92	4,490.82	0.00	591,490.68	615,038.38
12,200.00	89.58	179.95	7,884.48	-4,551.28	-4,590.82	4.01	4,590.82	0.00	591,390.68	615,038.47



Pathfinder
Pathfinder X & Y Planning Report



Company:	Devon Energy Production Company, L.P.	Well #3H
Project:	Eddy County	WELL @ 3333.20usft (25' KB)
Site:	Onyx PWU "29"	WELL @ 3333.20usft (25' KB)
Well:	#3H	Grid
Wellbore:	OH	Minimum Curvature
Design:	Design #1	EDM 5000.1 Single User Db

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Database:

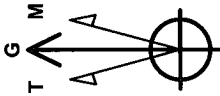
Planned Survey									
MD (usft)	Inc (°)	Azi (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	EW (usft)	V. Sec (usft)	D Leg (°/100usft)	North (usft)
12,232.87	89.58	179.95	7,884.72	-4,551.52	-4,623.68	4.03	4,623.68	0.00	591,357.82
PBHL(Onyx#3H)									
									615,038.49

Checked By: _____	Approved By: _____	Date: _____
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Project: Eddy County
Site: Onyx PWU "29"
Well: #3H
Wellbore: OH
Plan: Design #1 (#3H/OH)

PROJECT DETAILS: Eddy County
Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: New Mexico Eastern Zone
System Datum: Mean Sea Level
Local North: Grid



Azimuths to Grid North
True North: -0.13°
Magnetic North: 7.74°
Magnetic Field
Strength: 48865.5nT
Dip Angle: 60.51°
Date: 03/29/2011
Model: IGRF200510

SECTION DETAILS									
Sec	MD	Inc	Azi	TVD	+N/S	+E/W	Dleg	TFace	Vsect
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

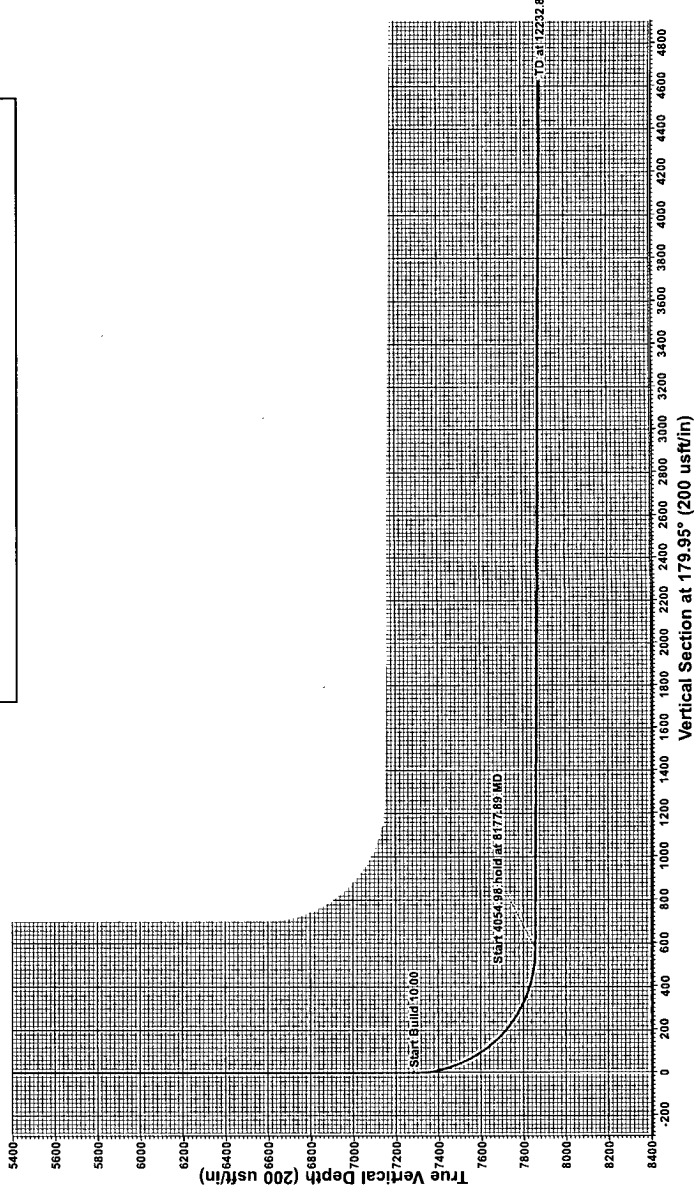
WELL DETAILS: #3H

Ground Elevation: 3308.20
RKB Elevation: WELL @ 3332.20usft (25 KB)
Rg Name: 25 KB

+N/S	+E/W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	595981.500	615034.460	32° 38' 17.425 N	104° 5' 38.109 W	

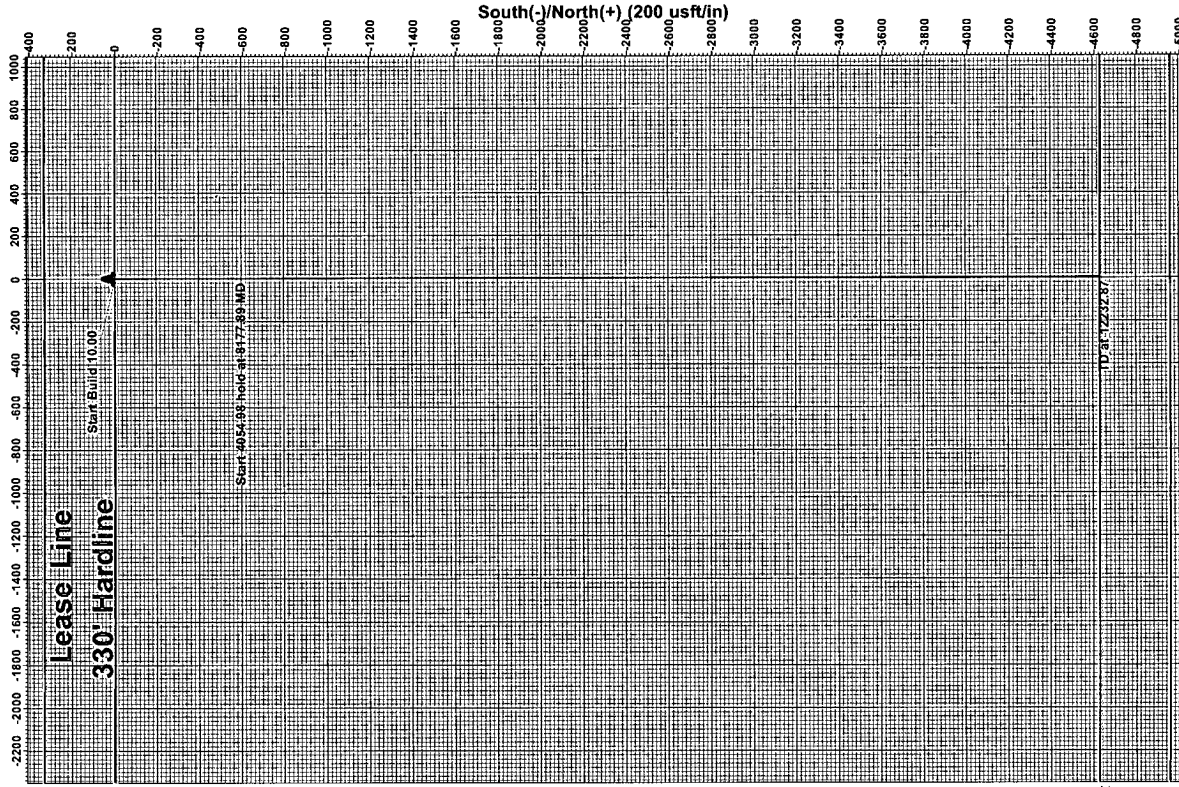
WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/S	+E/W	Northing	Easting	Shape
PBHL(Onyx#3H)85.00	-4623.68	3.60	591357.820	615038.060	Point	



PATHFINDER
A Schlumberger Company

West(-)/East(+) (200 usft/in)



Plan: Design #1 (#3H/OH)

Created By: Nita Bingham Date: 9/24, March 11 2011

Checked: _____ Date: _____